

## **DMNLP 2015**

# **Interactions between Data Mining and Natural Language Processing 2015**

**Proceedings of the Workshop on Interactions between Data Mining and Natural Language Processing 2015**

**co-located with European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD 2015)**

**Porto, Portugal, September 07, 2015.**

**Edited by**

**Peggy Cellier (1)**

**Thierry Charnois (2)**

**Andreas Hotho (3)**

**Stan Matwin (4)**

**Marie-Francine Moens (5)**

**Yannick Toussaint (6)**

(1) INSA Rennes, IRISA Campus Beaulieu, 35042 Rennes cedex, France. E-mail: [peggy.cellier@irisa.fr](mailto:peggy.cellier@irisa.fr)

(2) Université Paris 13 Sorbonne Paris Cité, LIPN CNRS, Av J.B. Clément, 93430 Villetaneuse, France. E-mail: [Thierry.Charnois@lipn.univ-paris13.fr](mailto:Thierry.Charnois@lipn.univ-paris13.fr)

(3) University of Würzburg Am Hubland, 97074 Würzburg, Germany. E-mail: [hotho@informatik.uni-wuerzburg.de](mailto:hotho@informatik.uni-wuerzburg.de)

(4) Faculty of Computer Science, Dalhousie University, 6050 University Ave., P.O. Box 15000, Halifax Nova Scotia, B3H 4R2 Canada. E-mail: [stan@cs.dal.ca](mailto:stan@cs.dal.ca)

(5) Department of Computer Science, KU Leuven, Celestijnenlaan 200A, B-3001 Heverlee, Belgium. E-mail: [sien.moens@cs.kuleuven.bex](mailto:sien.moens@cs.kuleuven.bex)

(6) INRIA Nancy Grand-Est, LORIA 615 Rue du Jardin Botanique, 54600 Villers-lès-Nancy, France. E-mail: [Yannick.Toussaint@loria.fr](mailto:Yannick.Toussaint@loria.fr)



# Table of Contents

- [Preface](#)
- [Organization](#)
- [Complete Proceedings](#)

## Regular Papers

- [Some Thoughts on Using Annotated Suffix Trees for Natural Language Processing](#) 5-18  
*Ekaterina Chernyak*
- [MIL: Automatic Metaphor Identification by Statistical Learning](#) 19-30  
*Yosef Ben Shlomo, Mark Last*
- [A Peculiarity-based Exploration of Syntactical Patterns: a Computational Study of Stylistics](#) 31-40  
*Mohamed-Amine Boukhaled, Francesca Frontini, Jean-Gabriel Ganascia*
- [Mining Comparative Sentences from Social Medias](#) 41-48  
*Fabíola S. F. Pereira*

## Extented Abstracts

- [Annotated Suffix Tree Similarity Measure for Text Summarization](#) 1  
*Maxim Yakovlev, Ekaterina Chernyak*
- [Narrative Generation from Extracted Associations](#) 3-4  
*Pierre-Luc Vaudry, Guy Lapalme*

---

2015-08-14: submitted by Yannick Toussaint

2015-08-14: published on CEUR-WS.org [Invalid HTML5!](#)